

EXHIBIT A

SCOPE of SERVICES: WAMPO Railroad Crossing Plan (RRCP)

May 3, 2006

This Exhibit details the services that TranSystems Corporation and its subconsultants will perform for the client, Wichita Area Metropolitan Planning Organization (WAMPO), under the WAMPO Railroad Crossing Plan (RRCP) project. The overall project purpose is to identify and analyze the transportation needs of railroad crossings at intersections across the WAMPO region.

Task 100. Project Management

- Project management scope items shall include periodic meetings with WAMPO staff in person and via teleconference. It is assumed that up to eight (8) meetings will be conducted throughout the project. Four (4) of these meetings shall take place via teleconference with our Kansas City Staff and four (4) of these meetings shall be in person. TranSystems will develop meeting minutes for each meeting and distribute to all members in attendance to the meeting.
- Monthly status reports shall be submitted by TranSystems at the end of each month for the duration of the project. These monthly status reports shall be no longer than two typed pages and shall be submitted via e-mail.
- A public Web site will be developed and maintained by TranSystems and will be stored on our server. The site will contain contact information for the project team and WAMPO, notice of meeting dates, and select project documents for review by anyone interested to learn more about the project. The site will have limited graphics and links only to project documentation and the WAMPO Web site. Updates will occur at monthly intervals and/or to display upcoming meeting dates and pertinent information such as location and time. The site will be available on the Web for the duration of the project. At the close of the project, the Web site will be terminated and information will be archived.
- Internal team coordination will be conducted by the TranSystems' Project Manager, Sara Leitner.

Task 200. Public Participation.

The WAMPO shall be responsible for reserving rooms to hold all meetings as well as advertising for all meetings. TranSystems shall be responsible for the presentation materials as described below, as well as providing meeting summaries for each meeting and distributing the meeting summaries to the WAMPO.

- Prepare for and attend two (2) Technical Advisory Committee (TAC) meetings. A PowerPoint presentation will be prepared for each of the two (2) Technical Advisory Committee meetings.
 - i. The first meeting will be scheduled immediately after receiving notice to proceed and the main topic of discussion will be goal setting and process refinement.

- ii. The second meeting will be scheduled after the draft report is submitted for comment. The meeting topic will be draft review and project summation.
- Prepare for and attend two (2) Policy Board meetings. The PowerPoint presentations created for the TAC meetings will be utilized for the Policy Board meetings with limited updates.
 - i. The first meeting will be scheduled immediately after receiving notice to proceed and the main topic of discussion will be goal setting and process refinement.
 - ii. The second meeting will be scheduled after the draft report is submitted for comment. The meeting topic will be draft review and project summation.
- Prepare for and attend four (4) RRCP Advisory Committee meetings. A fifth meeting may be scheduled in the event that additional information warrants one (1) more RRCP Advisory Committee meeting during the study.
 - i. WAMPO staff will assist TranSystems in identifying individuals to participate on the RRCP Advisory Committee.
 - ii. The TranSystems team will look for WAMPO staff to identify a meeting location and to provide reservations for meeting accommodations.
 - iii. The TranSystems team will utilize e-mail notices to provide meeting reminders for RRCP Advisory Committee members. In the event that a member does not have an e-mail account, TranSystems will make a phone call reminder.
 - iv. The Advisory Committee will provide guidance and input throughout the project. The designated meetings will focus on providing project updates and gathering feedback at major milestones during the project.
 - v. The TranSystems team anticipates the meetings to follow the schedule and topic outline below. As the project progresses these topics may be split into a fifth meeting if necessary.
 - 1. Start of Month 1: The main meeting topic will be goal setting and process refinement.
 - 2. End of Month 6: The main meeting topic will be review of information collected, and discussion of project prioritization.
 - 3. End of Month 8: Review of project prioritization and alternatives development
 - 4. End of Month 11: Presentation of the draft plan.
- Prepare for and attend one (1) public informational meeting of a three-hour duration to provide an adequate and equal opportunity for all citizens to learn about and participate in the study.
 - i. The TranSystems team will look for WAMPO staff to identify a meeting location and accommodations.
 - ii. The TranSystems team will prepare advertisements but look to WAMPO staff to distribute all advertising to designated media.
 - iii. The TranSystems team will prepare meeting displays for an open house format and provide staff to assist the public and gather input during the meeting. It is assumed

that no more than five (5) boards will be developed for the public meeting to help demonstrate the results of the study.

- iv. The TranSystems team will prepare a comment form and compile public comments at the end of each meeting to include as an appendix to the final report.
- Prepare for and attend up to eight (8) local representative meetings of two hour duration for each meeting. TranSystems does not intend to hold individual meetings with all cities and the counties, rather, to break the WAMPO area up into logical railroad corridors, (i.e. the K&O line as it extends from Wichita out to the northwest). This meeting might include the City of Maize, City of Colwich, City of Wichita and Sedgwick County.
 - i. The TranSystems team will look for WAMPO staff to identify a meeting location and accommodations.
 - ii. WAMPO staff will assist TranSystems in identifying key stakeholders to participate in these meetings. Potential attendees include local representatives from police departments, fire departments, first responders, school districts, economic development agencies, Kansas Department of Transportation (KDOT), the railroads, and others.
 - iii. The meetings will focus on gathering information about grade crossings from the local perspective.
- Meeting summaries will be written for any formally scheduled meeting.

Task 300. Work Plan

301. Goal Setting:

- Review and refine goals and objectives specific to railroad crossings from the current Long Range Transportation Plan to use as the basis for this study.
- Review goal setting and process refinement at the first RRCP Advisory Committee meeting and integrate any comments into the overall study process.

302. Data Collection:

- Obtain and analyze relevant data on the individual crossings and the overall transportation network. The data may include: US DOT Crossing Inventory from KDOT or Federal Railroad Administration (FRA); relevant traffic data from WAMPO, KDOT and municipalities; School Walking Plans and Bus Routes; city transportation improvement plans; recent grade separation or rail-related studies; etc.
- Conduct a field visit of each at-grade crossing within the WAMPO region to verify inventory and gain familiarity with local travel patterns and crossing conditions.
- TranSystems does not intend to complete any field topographic surveys or measurements, vehicular traffic counts, pedestrian counts or train counts at the actual crossings. This information shall be provided by others.

- Review information gathered at local representative meetings to understand what impacts any grade separation or crossing change will have on local activities.

303. GIS Data Integration:

- Obtain relevant GIS base files from WAMPO staff.
- Create geodatabase containing limited crossing data collected in Task 302. Up to ten (10) fields within the attribute table will be input into an ESRI Personal Geodatabase point feature class. The geodatabase will be created to allow for compatibility with WAMPO's GIS.
- Formalize a maintenance schedule for WAMPO staff to complete future updates to the GIS database created for future use.

304. Develop Project Prioritization:

Project selection is a regional, policy-based function of the MPO. Considering the policy nature of project selection, TranSystems will provide a framework to present the project prioritization developed in this study to the TAC and Policy Board for future integration into the formal MPO process.

- Utilize data collected in Task 302 and summarized in Task 303 as a basis for any calculations.
- The WAMPO TransCAD travel demand model will be utilized to understand the impacts of any highway-rail crossing modifications to traffic patterns. It may also be utilized to determine v/c ratios as possible input into any formulas created for project prioritization.
- Outline overall examples of measures that could be used to select highway-rail grade crossing specific projects. Measures may include but are not limited to: the established KDOT hazard index, emergency services access, predicted accident rates, travel delay and congestion, or pedestrian mobility.
- Develop a basic formula-based project prioritization for highway-rail grade crossing specific projects. The overall Project Selection Criteria being developed for WAMPO will be referenced and any overlap will be integrated.
- Provide a framework to integrate the specific highway-rail grade crossing project prioritization into the overall WAMPO Project Selection Criteria for all projects.

305. Improvement Alternatives & Cost Estimates:

- Data, hazard index calculations and information from stakeholders will be compiled and filtered to identify locations for project investigation.

- TranSystems shall develop schematic concepts for up to fifteen (15) projects which shall include:
 - Prepare schematic concepts for identified projects utilizing aerial photography provided by WAMPO.
 - Prepare planning-level cost estimates for identified projects.
 - Identify potential funding sources for the fifteen (15) identified projects. These funding sources will include the standard funding programs such as Section 130 funds. TranSystems shall also review the fifteen (15) projects to look for alternative funding or multiple funding sources to finance the construction of eligible projects.

Task 400. Action Plan

- Summarize each of the study components to integrate into the final plan document.
- Provide a draft document for review by the RRCP Advisory Committee, TAC and Policy Board with a two to four-week comment period.
- Revise the draft document to incorporate comments received and submit final plan documents.

Services Provided by Others

WAMPO and other pertinent agencies, namely KDOT and the affected counties and cities, will make available any and all relevant materials related to this study. TranSystems does not anticipate any additional data collection over and above normal observations made during site visits.

- Existing relevant GIS mapping files will be provided by WAMPO for use in this study only.
- Any relevant existing traffic count information will be provided by the local governments, KDOT and WAMPO for local and state routes.
- KDOT will provide US DOT Crossing Inventories and all other relevant highway-rail grade crossing data.
- TranSystems will obtain train frequency and length data from railroads.
- Existing aerial photography of WAMPO region will be provided by WAMPO and updated during the study if new photography is available.

Project Deliverables

100 color copies (compiled in three-ring binders) of the Railroad Crossing Plan including an Executive Summary of the plan document and Project Priority List (full document shall not exceed 75 pages). Documentation of the public involvement activity will be included as an appendix.

1,000 color copies (two-sided, 11"x 17") of the Railroad Crossing Map created from the ESRI personal geodatabase.

All documents and data will be delivered on CD at the project conclusion.